

O I P E  
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P A T E N T & T R A D E M A R K S  
I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231, on  
March 7, 2003  
Quine Intellectual Property Law Group, P.C.  
By:   
Amelia Groth

Attorney Docket No: 305T-  
900500US  
Client Ref: SF2000-036

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Osamu Tetsu et al.

Application No.: 09/687,593

Filed: October 13, 2000

For: **MAMMALIAN TWO-HYBRID  
SYSTEM FOR SCREENING FOR  
MODULATORS OF THE ACCUMULATION  
OF METABOLIC PRODUCTS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Examiner: Bronwen M. Loeb

Art Unit: 1636

**AMENDMENT**

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Dear Sir:

In response to the Final Office Action dated **September 9, 2002**, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks. The following documents are enclosed herewith:

- 1) A petition to extend the period of response for 3 months;
- 2) A marked up copy of the claims;
- 3) A courtesy copy of the pending claims;
- 4) Letter to Draftsperson and Formal Drawings;
- 5) An Supplemental Information Disclosure Statement;
- 6) A Request for Continued Examination;
- 7) A transmittal sheet;
- 8) A fee transmittal sheet; and,
- 9) A receipt indication postcard.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEETRANSMITTAL**  
**for FY2002**

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 1850.00)

**Complete If Known**

Application Number	09/687,593
Filing Date	October 13, 2000
First Named Inventor	Osamu Tetsu
Examiner Name	Bronwen M. Loeb
Group / Art Unit	1636
Attorney Docket No.	305T-900500US

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **50-0893**  
Deposit Account Name **Quine Intellectual Property Law Group, P.C.**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
101	740	201	370	Utility filing fee		
106	310	206	155	Design filing fee		
107	480	207	240	Plant filing fee		
108	690	208	345	Reissue filing fee		
114	150	214	80	Provisional filing fee		
<b>SUBTOTAL (1) (\$)</b>				<b>0</b>		

**2. EXTRA CLAIM FEES**

Total Claims	-20**	=	X	Fee from below	Fee Paid
Independent Claims	- 3**	=	X		
Multiple Dependent					

\*\*or number previously paid, if greater; For Reissues, see below

**Large Entity Small Entity**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20		
102	84	202	42	Independent claims in excess of 3		
104	280	204	140	Multiple dependent claim, if not paid		
109	78	209	39	** Reissue independent claims over original patent		
110	18	210	9	** Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2) (\$)</b>				<b>0</b>		

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
139	130	139	130	Non-English specification		
147	2,520	147	2,520	For filing a request for reexamination		
112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
113	1,840*	113	1,840*	Requesting publication of SIH after Examiner action		
115	110	215	55	Extension for reply within first month		
116	400	216	200	Extension for reply within second month		
117	920	217	460	Extension for reply within third month		
118	1440	218	720	Extension for reply within fourth month		
128	1,960	228	980	Extension for reply within fifth month		
119	320	219	160	Notice of Appeal		
120	300	220	150	Filing a brief in support of an appeal		
121	260	221	130	Request for oral hearing		
138	1,510	138	1,510	Petition to institute a public use proceeding		
140	110	240	55	Petition to revive - unavoidable		
141	1,280	241	640	Petition to revive - unintentional		
142	1,280	242	640	Utility issue fee (or reissue)		
143	430	243	215	Design issue fee		
144	580	244	290	Plant issue fee		
122	130	122	130	Petitions to the Commissioner		
123	50	123	50	Petitions related to provisional applications		
126	180	126	180	Submission of Information Disclosure Stmt		
581	40	581	40	Recording each patent assignment per property (times number of properties)		
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))		
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))		
Other fee (specify) <b>Request for Continued Examination</b>						<b>750.00</b>
Other fee (specify) _____						
Reduced by Basic Filing Fee Paid						<b>SUBTOTAL (3) (\$)</b>
						<b>1850.00</b>

**SUBMITTED BY**

Complete (if applicable)

Typed or Printed Name	Irene Pleasure			Reg. Number	45,506
Signature	<i>Irene Pleasure</i>	Date	03/07/2003	Deposit Account User ID	

**CERTIFICATE OF MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date: **February 10, 2003**

Typed or Printed Name	Amelia Groth			
Signature	<i>Amelia Groth</i>	Date	March 7, 2003	

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Please type a plus sign (+) inside this box →

(Modified) PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

MAR 12 2003

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/687,593
		Filing Date	October 13, 2000
		First Named Inventor	Osamu Tetsu
		Group Art Unit	1636
		Examiner Name	Bronwen M. Loeb
Total Number of Pages in This Submission	80	Attorney Docket Number	305T-900500US

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MARCH 17 2003

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice Brief Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Request for Continued Examination	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Letter to Official draftsperson; Appendix of Amended Claims; Appendix of Pending Claims; receipt acknowledgment postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## Authorization to Charge Deposit Account

Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Irene Pleasure, Reg. No. 45,506, Quine Intellectual Property Law Group, P.C.
Signature	
Date	March 7, 2003

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	Amelia Groth
Signature	
Date	March 7, 2003



I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on March 7, 2003

By Amelia Groth  
Amelia Groth  
QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

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Attorney Docket No. 305T-900500US

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SYSTEM FOR SCREENING FOR  
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ACCUMULATION OF METABOLIC  
PRODUCTS

Examiner: Bronwen M. Loeb

Art Unit: 1636

LETTER TO OFFICIAL DRAFTSPERSON

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant hereby submits 5 sheets of formal drawings to be made of record in the above-identified case.

Respectfully submitted,

*Irene Pleasure*  
Irene Pleasure, J.D., Ph.D.

Reg. No. 45,506

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
P.O. BOX 458  
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Fax (510) 337-7877